IN THE CLAIMS

Please amend the claims as follows.

What is claimed is:

Claim 1 (previously presented): A structural improvement for an alert system which comprises:

a sensor that sends out signals to a control panel, said control panel consisting of an electronic device, a protection device and a warning device that receives signals from said sensor to protect users;

when a metal or magnetic material touches sensor's conductive material, said sensor's conductive material relays the signals to said control panel that starts said control panel's warning device to warn users with sounds or signals, and said control panel's protection device protects users from being hurt by said metal or magnetic material.

Claim 2 (currently amended): The improved alert system of Claim 1, wherein said sensor is made of electroplated metal that sends out a signal to said control panel's electronic circuit when detecting any metal or magnetic material, said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, prompting said warning ~~system~~ device to warn users with sounds or signals and driving said motor to inject gas into said control panel's protection device designed as an airtight chamber to protect users from being hurt by metal or magnetic material.

Claim 3 (previously presented): The improved alert system of Claim 1, wherein said sensor is made of electroplated metal that sends out a signal to said control panel's electronic circuit when detecting any metal or magnetic material, said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, prompting said warning system to warn users with sounds or

signals and driving said motor to pressurize liquid inside said control panel's protection device out of said protection device to protect users from being hurt by metal or magnetic material.

Claim 4 (previously presented): The improved alert system of Claim 1, wherein said sensor is made of electroplated metal that sends out a signal to said control panel's electronic circuit when detecting any metal or magnetic material, said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, prompting said warning system to warn users with sounds or signals and driving said motor to pressurize medicinal liquid inside said control panel's protection device out of said protection device to provide disinfection function.

Claim 5 (previously presented): The improved alert system of Claim 1, wherein said sensor is a pressure sensor that sends out a signal to said control panel's electronic circuit when detecting any metal or magnetic material, said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, prompting said warning system to warn users with sounds or signals and driving said motor to inject gas into said control panel's protection device designed as an airtight chamber to protect users from being hurt by metal or magnetic material.

Claim 6 (previously presented): The improved alert system of Claim 1, wherein said sensor is a pressure sensor that sends out a signal to said control panel's electronic circuit when detecting any metal or magnetic material that changes pressure inside said pressure sensor; said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, prompting said control panel's warning system to warn users with sounds or signals and driving said motor to pressurize liquid inside said control panel's protection device out of said protection device to protect users from being hurt by metal or magnetic material.

Claim 7 (previously presented): The improved alert system of Claim 1, wherein said sensor is a pressure sensor that sends out a signal to said control panel's electronic circuit when detecting any metal or magnetic material that changes pressure inside said sensor; said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, prompting said warning system to warn users with sounds or signals and driving said motor to pressurize medicine liquid inside said control panel's protection device out of said protection device to provide disinfection function.

Claim 8 (original): The improved alert system of Claim 1, wherein said control panel's warning device is a diode.

Claim 9 (original): The improved alert system of Claim 1, wherein said control panel's warning device is a beeper.

Claim 10 (previously presented): A structural improvement for an alert system which comprises:

a sensor capable of detecting a metal or magnetic material and sending out a signal to a control panel;

a micro-processor for receiving signals from said sensor, comparing said signals with a database's data to determine security of detected materials, and sending out signals to said control panel;

said control panel consists of an electronic device, a protection device and a warning device to receive signals from said micro-processor for protection; when said metal or magnetic material touches against said sensor, said sensor sends out a signal to said micro-processor where a comparison between a detected result and said database is made; said sensor detecting any metal or magnetic material sends

out a signal to said control panel which prompts said warning device to warn users with sounds or signals and said protection device to protect users from being hurt by metal or magnetic material.

Claim 11 (original): The improved alert system of Claim 10, wherein said sensor is a CCD image device that delivers captured image information to said micro-processor where a comparison between said image information and said database is made; said micro-processor detecting any metal or magnetic material then sends out a signal to said control panel, prompting said warning device to warn users with sounds or signals.

Claim 12 (original): The improved alert system of Claim 10, wherein said sensor contains a CCD image device and a thermal sensor that delivered image information and temperature information respectively to said micro-processor where a comparison between said information and database is made to judge existence of metal or magnetic material; said micro-processor detecting any metal or magnetic material sends out a signal to said control panel, prompting said warning device in the form of a diode to warn users with sounds or signals.

Claim 13 (original): The improved alert system of Claim 10, wherein said control panel's warning device is a diode.

Claim 14 (original): The improved alert system of Claim 10, wherein said control panel's warning device is a beeper.

Claim 15 (currently amended): The improved alert system of Claim 10, wherein said control panel's protection device contains an airtight chamber, ~~and~~ a motor for gas injection and electronic circuit gas injects; said control panel receiving signals from

said sensor relays the signals to said control panel's electronic circuit gas injects, driving said motor to inject gas into said airtight chamber to protect users from being hurt by metal or magnetic material.

Claim 16 (previously presented): The improved alert system of Claim 10, wherein said control panel's protection device contains a motor and liquid; said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, driving said motor to pressurize said liquid out of said protection device to protect users from being hurt by metal or magnetic material.

Claim 17 (previously presented): The improved alert system of Claim 10, wherein said control panel's protection device contains a motor and medicinal liquid; said control panel receiving signals from said sensor relays the signals to said control panel's electronic circuit, driving said motor to pressurize said medicinal liquid out of said protection device to provide disinfection function.

Claim 18 (currently amended): A structural improvement for an alert system, which comprises:

a sensor capable of detecting metal or magnetic material and sending out a signal to a control panel;

said control panel that receives signals from said micro-processor to protect users, consisting of an electronic device, a protection device and a warning device;

a metal or magnetic material combined with a non-metal material for detection;

an electromagnetic wave-proof device for isolating said combined metal or magnetic material with non-metal material from said sensor's detection;

said sensor sends out said signal to said control panel when detecting any metal or magnetic material outside of said electromagnetic wave-proof device and,

where said warning device is prompted to warn users with sounds or signals and where said metal or magnetic material detected outside of said electromagnetic wave-proof device is then placed inside said electromagnetic wave-proof device to isolate said metal or magnetic material from said sensor's further detection to prevent signal error.

Claim 19 (previously presented): The improved alert system of Claim 18, wherein said sensor is an electromagnetic wave sensor that sends out a signal to said control panel when detecting any metal or magnetic material, said electronic circuit receiving signals from said sensor prompts said control panel's warning device to warn users with sounds or signals with said metal or magnetic material placed inside said electromagnetic wave-proof device to isolate said sensor's detection.

Claim 20 (previously presented): The improved alert system of Claim 18, wherein said electromagnetic wave-proof device is an isolation tub used to isolate detection of said sensor.

Claim 21 (previously presented): The improved alert system of Claim 18, wherein said electromagnetic wave-proof device is a needle head cover used to isolate detection of said sensor.

Claim 22 (previously presented): The improved alert system of Claim 18, wherein said electromagnetic wave-proof device is a pair of protection gloves for operating knifes, designed for isolating said sensor's detection.

Claim 23 (previously presented): The improved alert system of Claim 18, wherein said metal or magnetic material is combined with non-metal material for detection with cotton as said non-metal material.

Claim 24 (previously presented): The improved alert system of Claim 18, wherein said metal or magnetic material is combined with non-metal material for detection with swab as said non-metal material.

Claim 25 (previously presented): The improved alert system of Claim 18, wherein said metal or magnetic material is combined with non-metal material for detection with suture as said non-metal material.

Claim 26 (previously presented): The improved alert system of Claim 1, 10 and 18, wherein said sensor is equipped with a capacitance sensor that shows capacitance values depending on metal or magnetic material's sharpness or distance, so as to detect metal or magnetic material's location.